

WHAT IS CLAIMED IS:

- 1 1. A method, comprising:
2 receiving a request for data from a requesting system, the requesting
3 system having a corresponding address;
4 selecting one of a plurality of edge servers having the requested data, said
5 selecting being based on the requesting system's address; and
6 causing the requested data to be sent from a selected edge server.
- 1 2. The method of claim 1, wherein said selecting an edge server having the
2 requested data based on the requesting system's address comprises
3 looking up the address in a site database having a predetermined list of
4 addresses each corresponding to an edge server that is the nearest
5 streaming server to a requesting system corresponding to a given
6 address, and selecting an edge server corresponding to the address.
- 1 3. The method of claim 1, wherein said selecting an edge server having the
2 requested data based on the requesting system's address comprises
3 looking up the address in a site database having a predetermined list of
4 CIDR (Classless Inter-Domain Routing) blocks each corresponding to an
5 edge server that is the nearest streaming server to a requesting system
6 corresponding to a given address, and each CIDR block corresponding to
7 a group of addresses, and selecting an edge server corresponding to the
8 CIDR block in which the address belongs.
- 1 4. The method of claim 1, wherein the address comprises an IP (Internet
2 Protocol) address.
- 1 5. The method of claim 1, wherein said causing the requested data to be
2 sent from the selected edge server comprises redirecting the requesting
3 system to the selected edge server.
- 1 6. The method of claim 1, wherein said request for data comprises a request

2 for media data.

1 7. The method of claim 6, wherein said request for media data comprises a
2 request for live media data.

1 8. The method of claim 7 wherein said causing the requested data to be sent
2 from a selected edge server comprises:

3 connecting the selected edge server to an origin server receiving the live
4 media data; and

5 sending the live media data from the origin server to the selected edge
6 server.

1 9. A method comprising:

2 receiving a request for data from a requesting system, the requesting
3 system having a corresponding address;

4 looking up the address on a site database, the database having
5 predetermined addresses each corresponding to an edge server
6 that is the nearest streaming server to the requesting system
7 corresponding to the address; and

8 if the address exists on the site database, causing the requested data to
9 be sent from the edge server corresponding to the address of the
10 requesting system.

1 10. The method of claim 9, additionally comprising if the address doesn't exist
2 on the database, causing the requested data to be sent from a
3 deployment server to the requesting system, the deployment server being
4 selected based on a non-address based protocol.

1 11. The method of claim 9, wherein said causing the requested data to be
2 sent from the selected edge server comprises redirecting the requesting
3 system to the selected edge server.

1 12. The method of claim 11, wherein said redirecting the requesting system to
2 the selected edge server comprises sending location information to the
3 requesting system, the location information comprising the address of the
4 selected edge server and the location of the requested data on the
5 selected edge server.

1 13. The method of claim 9, wherein the predetermined addresses are in CIDR
2 (Classless Inter-Domain Routing) block notation, and each CIDR block
3 corresponds to an edge server that is the nearest streaming server to a
4 requesting system corresponding to each address of the CIDR block.

1 14. A machine-readable medium having stored thereon data representing
2 sequences of instructions, the sequences of instructions which, when
3 executed by a processor, cause the processor to:
4 receive a request for data from a requesting system, the requesting
5 system having a corresponding address;
6 select one of a plurality of edge servers having the requested data, said
7 selecting being based on the requesting system's address; and
8 cause the requested data to be sent from a selected edge server.

1 15. The machine-readable medium of claim 14, wherein the processor selects
2 an edge server having the requested data based on the requesting
3 system's address by looking up the address in a site database having a
4 predetermined list of addresses each corresponding to an edge server
5 that is the nearest streaming server to a requesting system corresponding
6 to a given address, and by selecting an edge server corresponding to the
7 address.

1 16. The machine-readable medium of claim 14, wherein the address
2 comprises an IP (Internet Protocol) address.

1 17. An apparatus comprising:

2 at least one processor; and

3 a machine-readable medium having instructions encoded thereon, which
4 when executed by the processor, are capable of directing the
5 processor to:

6 receive a request for data from a requesting system, the requesting
7 system having a corresponding address;

8 select one of a plurality of edge servers having the requested data,
9 said selecting being based on the requesting system's
10 address; and

11 cause the requested data to be sent from a selected edge server.

1 18. The apparatus of claim 17, wherein the processor selects an edge server
2 having the requested data based on the requesting system's address by
3 looking up the address in a site database having a predetermined list of
4 addresses each corresponding to an edge server that is the nearest
5 streaming server to a requesting system corresponding to a given
6 address, and by selecting an edge server corresponding to the address.

1 19. The apparatus of claim 17, wherein the processor selects an edge server
2 having the requested data based on the requesting system's address by
3 looking up the address in a site database having a predetermined list of
4 CIDR (Classless Inter-Domain Routing) blocks each corresponding to an
5 edge server that is the nearest streaming server to a requesting system
6 corresponding to a given address, and each CIDR block corresponding to
7 a group of addresses, and by selecting an edge server corresponding to
8 the CIDR block in which the address belongs.

1 20. The apparatus of claim 17, wherein the address comprises an IP (Internet
2 Protocol) address.

1 21. An apparatus comprising:

2 means for receiving a request for data from a requesting system, the
3 requesting system having a corresponding address;

4 means for selecting one of a plurality of edge servers having the
5 requested data, said selecting being based on the requesting
6 system's address; and

7 means for causing the requested data to be sent from a selected edge
8 server.

1 22. The apparatus of claim 21, wherein said means for selecting an edge
2 server having the requested data based on the requesting system's
3 address comprises means for looking up the address in a site database
4 having a predetermined list of addresses each corresponding to an edge
5 server that is the nearest streaming server to a requesting system
6 corresponding to a given address, and means for selecting an edge server
7 corresponding to the address.

1 23. The apparatus of claim 21, wherein the address comprises an IP (Internet
2 Protocol) address.

1 24. An apparatus comprising:

2 a site database having predetermined addresses each corresponding to
3 an edge server that is the nearest edge server to a requesting
4 system corresponding to a given address; and

5 a redirection server coupled to the site database to:

6 lookup an address on the site database, the address corresponding

7 to a requesting system from which a request for data is
8 received; and

9 cause requested data to be sent from an edge server
10 corresponding to an address of a requesting system.

1 25. The apparatus of claim 24, wherein the predetermined addresses are in
2 CIDR (Classless Inter-Domain Routing) block notation, and each CIDR
3 block corresponds to an edge server that is the nearest streaming server
4 to a requesting system corresponding to addresses of a given CIDR block.

1 26. The apparatus of claim 24, wherein the address comprises an IP (Internet
2 Protocol) address.

1 27. A system comprising:
2 a requesting system to request data, the requesting system having a
3 corresponding address;
4 an operations center coupled to the requesting system to handle requests
5 from the requesting system, the operations center having:
6 a site database having a predetermined a list of addresses each
7 corresponding to an edge server that is the nearest edge
8 server to a requesting system corresponding to a given
9 address; and
10 a redirection module to cause requested data to be sent from an
11 edge server corresponding to the requesting system's
12 address to the requesting system; and
13 one or more edger servers to send data to the requesting system.

- 1 28. The system of claim 27, wherein said requesting system comprises a
2 viewer, and said redirection module causes requested data to be sent
3 from an edge server to a requesting system comprises initiating a dialog
4 session between the viewer and the edge server.
- 1 29. The system of claim 27, wherein the address comprises an IP (Internet
2 Protocol) address.